

ATTACHMENT A
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

- 1.(Original) Make-up composition comprising, as the pigment, cosmetically acceptable fluorescent semiconductor nanoparticles in a cosmetic vehicle.
2. (Original) Composition according to claim 1, wherein the cosmetic vehicle comprises a continuous hydrophobic phase.
3. (Original) Composition according to claim 1, wherein the cosmetic vehicle comprises a continuous hydrophilic phase.
4. (Currently Amended) Composition according to ~~any one of claims 1 to 3~~ claim 1, wherein the cosmetic vehicle is an emulsion.
5. (Original) Composition according to claim 4, wherein the cosmetic vehicle is a W/O, O/W, W/OW or OW/O emulsion.
6. (Currently Amended) Composition according to ~~any one of claims 1 to 5~~ claim 1, wherein the fluorescent semiconductor nanoparticles are dispersed in the hydrophobic phase of the cosmetic vehicle.
- 7.(Currently Amended) Composition according to ~~any one of claims 1 to 6~~ claim 1, wherein the fluorescent semiconductor nanoparticles are dispersed in the hydrophilic phase of the cosmetic vehicle.
8. (Currently Amended) Composition according to ~~any one of claims 1 to 7~~ claim 1, wherein the fluorescent nanoparticles comprise a semiconductor of groups 11-VI chosen from MgS, MgSe, MgTe, CaS, CaSe, CaTe, SrS, SrSe, SrTe, BaS, BaSe, BaTe, ZnS, ZnSe, ZnTe, **US**, CdSe, HgS, HgSe and HgTe.

9. (Currently Amended) Composition according to ~~any one of claims 1 to 8~~ claim 1, wherein the fluorescent nanoparticles comprise a semiconductor of groups I11-V chosen from GaAs, GaN, GaP, GaSb, InGaAs, InP, InN, InSb, InAs, AlAs, AlP, AlSb and AlS.

10. (Currently Amended) Composition according to ~~any one of claims 1 to 9~~ claim 1, wherein the fluorescent nanoparticles comprise a semiconductor of group VI chosen from Ge, Pb and Si.

11. (Currently Amended) Composition according to ~~any one of claims 1 to 10~~ claim 1, wherein the fluorescent nanoparticles comprise a mixture of a plurality of semiconductors.

12. (Original) Composition according to claim 11, wherein the semiconductor mixture is chosen from CdSe/CdS, CdTe/ZnS, CdTe/ZnSe or InAs/ZnSe.

13. (Currently Amended) Composition according to ~~any one of claims 1 to 12~~ claim 1, wherein the fluorescent nanoparticles have a core/shell structure, it being possible for the shell to be formed of a plurality of layers.

14. (Original) Composition according to claim 13, wherein the core of the fluorescent nanoparticles is composed of MgS, MgSe, MgTe, CaS, CaSe, CaTe, SrS, SrSe, SrTe, BaS, BaTe, ZnS, ZnSe, ZnTe, CdS, CdSe, CdTe, HgS, HgSe, HgTe, GaAs, GaN, GaP, GaSb, InGaAs, InP, InN, InSb, InAs, AlAs, AlP, AlSb, AlS, PbS, PbSe, Ge, Si or one of the mixtures thereof.

15. (Currently Amended) Composition according to ~~either claim 13 or claim 14~~, wherein the shell of the fluorescent nanoparticles is composed of ZnO, ZnS, ZnSe, ZnTe, CdO, CdS, CdSe, CdTe, MgS, MgSe, GaAs, GaN, GaP, GaSb, InAs, InN, InP, InSb, AlAs, AlN, AlP, AlSb or one of the mixtures thereof.

16. (Currently Amended) Composition according to ~~any one of claims 13 to 45~~, claim 13 wherein the shell has a thickness of between 1 and 10 monolayers.

17. (Currently Amended) Composition according to ~~any one of claims 1 to 16~~ claim 1, wherein one or more fluorescent nanoparticles have been previously coated with a hydrophobic ligand and then complexed into a micelle with a size of between 5 and 45 nm, the micelle being formed of a hydrophobic core and a hydrophilic envelope, the hydrophobic core containing a plurality of hydrophobic groups, the envelope containing a plurality of hydrophilic groups, each hydrophobic group containing at least one chain, each chain comprising at least 8 carbon atoms, the number of carbon atoms for all the hydrophobic chains of a single group being greater than or equal to 24.

18. (Original) Composition according to claim 17, wherein the micelle comprises phospholipids.

19. (Currently Amended) Composition according to ~~either claim 17 or claim 18~~, wherein the hydrophilic group is a polysaccharide.

20. (Original) Composition according to claim 19, wherein the polysaccharide is chosen from agarose, dextran, starch, cellulose, amylose or amylopectin.

21. (Currently Amended) Composition according to ~~either claim 17 or claim 18~~, wherein the hydrophilic group is a copolymer of polyethylene glycol.

22. (Currently Amended) Composition according to ~~any one of claims 1 to 21~~ claim 1, ~~characterised~~characterized in that it is a nail varnish.

23. (Currently Amended) Composition according to ~~any one of claims 1 to 21~~ claim 1, ~~characterised~~characterized in that it is a lacquer.

24. (Currently Amended) Composition according to ~~any one of claims 1 to 21~~

claim 1, ~~characterised~~characterized in that it is a cream.

25. (Currently Amended) Method for preparing a composition according to ~~any one of claims 1 to 24~~ claim 1, comprising steps consisting of

- i) provision of fluorescent nanoparticles;
- ii) if necessary, a previously compatibility treatment of the fluorescent nanoparticles; and
- iii) introduction of the fluorescent nanoparticles treated in this way into a cosmetic vehicle.